

Stormwater Division

MEMORANDUM

DATE:

March 5, 2010

TO:

Michael J. Gillis, Virginia Correctional Enterprises Document Management Services

FROM:

Jo Anna Ripley, Stormwater

PO:

270712

RE:

Files Approved for Scanning

General File ID or BMP ID:

PC002

PIN: 3910100014

Subdivision, Tract, Business or Owner

Tewning Business Center Comdominium Owners

Name (if known):

Association

Property Description:

Common Area

Site Address:

140 Tewning Road

(For internal use only)

Box

Drawer: 3

Agreements: (in file as of scan date)

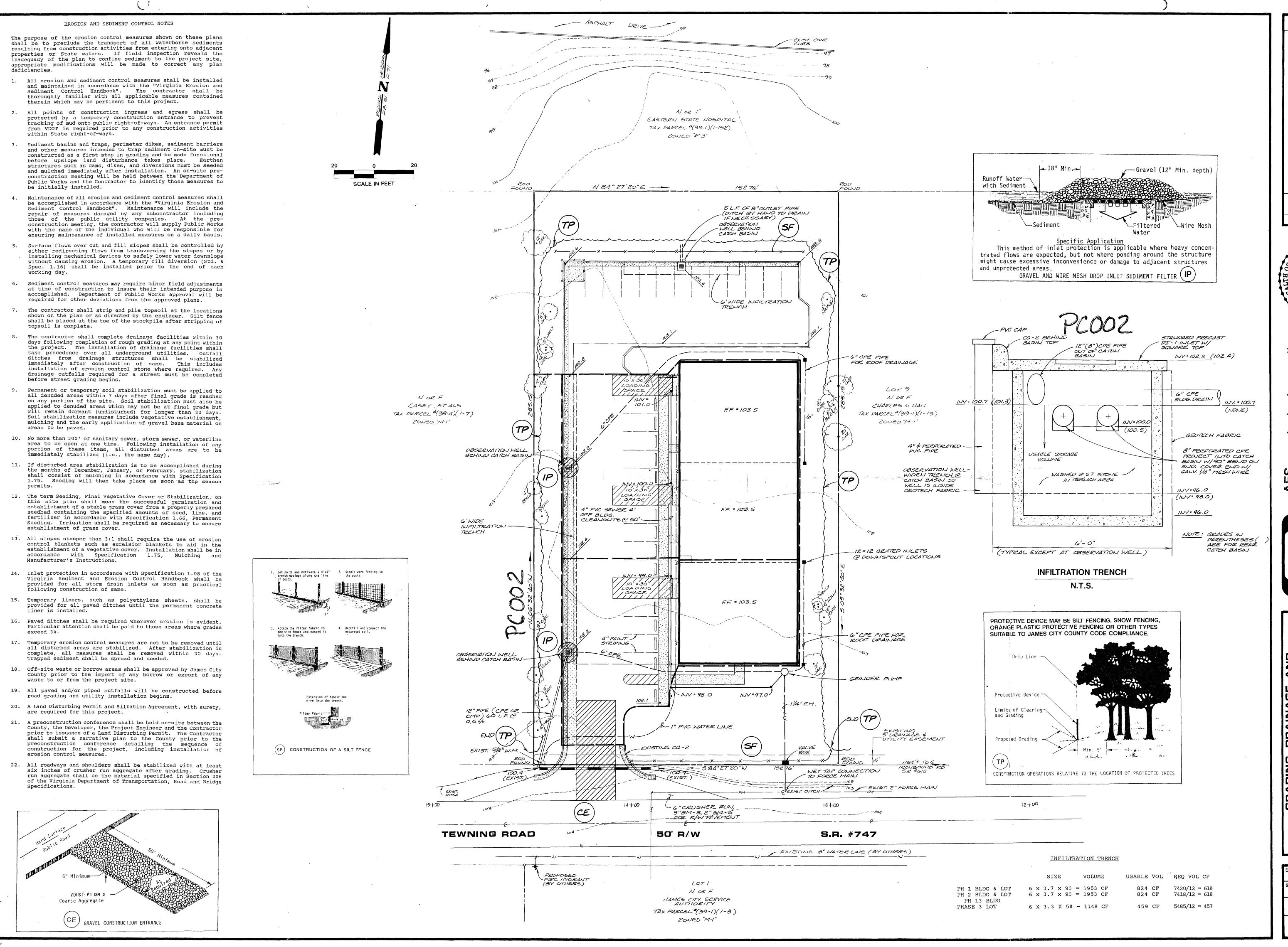
N

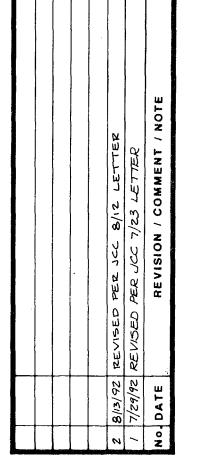
Book or Doc#:

Page:

Comments Infiltration trench

	Get Last BMP No		EMERG ACTION DI AN	MAINT AGREEMENT	OWNER PHONE	CITY-STATE-ZIP CODE	OWNER ADDRESS 2	OWNER ADDRESS	CURRENT OWNER	CITY-STATE	FACILITY LOCATION	PROJECT NAME	CONSTRUCTION DATE	PIN NO	TAX PARCEL	PLAN NO	BMP ID NO	WATERSHED		Date Record Created: Created By:
	Return to Menu	, we	No.	Yes		Williamsburg, VA 23188		1 Waterford Court	Tewning Business Center Owners Association	Williamsburg, VA	140 Tewning Road	Tewning Business Center	5/1/1994	39101000014	(39-1)(1-14)		002	PC		
	2								Owners Association							9:21:19 AM	Friday, March 05, 2010	PRINTED ON		WS_BMPNO: Print PC002 Record
Additional Comments:		GEOTECH REPORT	SW/FLOOD CONTROL	CHAN PROT VOL acre-ft	CHAN PROT CTRL	WTR QUAL VOL acre-ft	EVI DET MO-CTBI	IMPERV AREA acres	SERVICE AREA DESCRI			SVC DRAIN AREA acres			POINT VALUE	JCC BMP CODE	old BMP TYP	LAND USE	SITE AREA acre	MAINTENANCE PLAN
		No	R		No	0.1 5		Chical Run	None			0.6			10	C3 Infiltration Basin .5	Infiltration	COMMERCIAL	4	S
				MISC/COMMENTS	INTERNAL RATING			CONSTR CERTIF		REC DRAWING	10-YR OUTFLOW cfs	2-YR OUTFLOW cfs	PERM POOL ELEV	DESIGN HW ELEV	EMERG SPILLWAY	awii -	OTLT BARRL SIZE Inch	OTLT BARRL DESC	CTRL STRUC SIZE inches	CTRL STRUC DESC
					4	Inspected by:		No		No	2.70	2.07			No		12	CPEP	5	
								Y							1749188					







ne Road, Suite 1
Virginia 23185

5248 Olde Towne Ros Williamsburg, Virgini



GRADING, DRAINAGE, AND SION & SEDIMENT CONTROL PLAN FEWNING BUSINESS CENTER OWNER/DEVELOPER: ROBERT F. RIPLEY & CATHERINE J. RIPLEY

Designed Drawn
RAC RWE/CMA

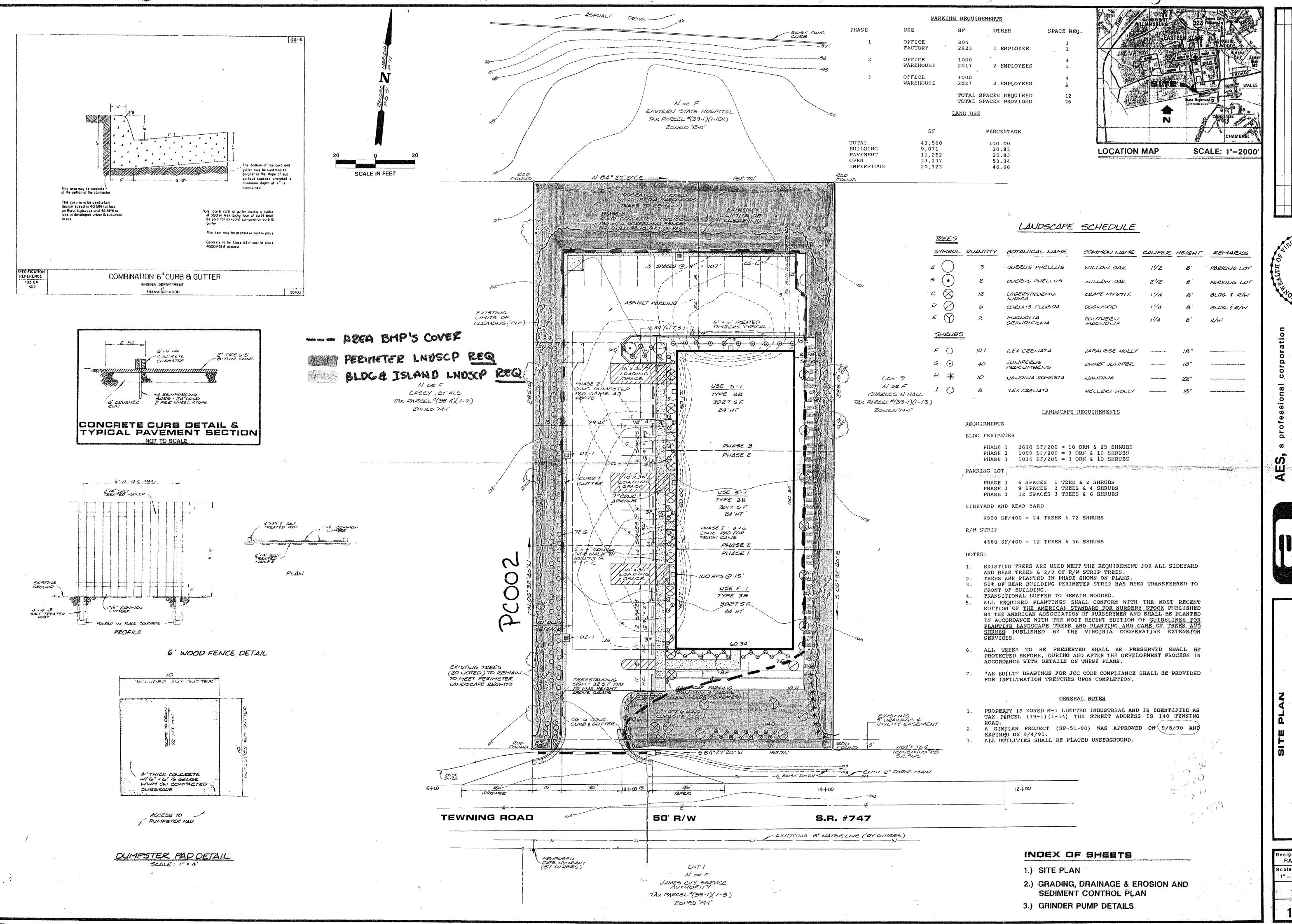
Scale Date
1" = 20' 5 / 28 / 90

Project No.

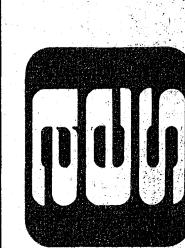
7459

Drawing No.

2 of 3







Designed Drawn RWE/CMA Date

1" = 20' | 5 / 28 / 9 Project No. 7459 Drawing No.

7459

TABLE 3 WORKSHEET FOR BMP POINT SYSTEM

A. STRUCTURAL BMP POINT ALLOCATION

BMP	BMP Points	Fraction of Site Served by BMP	Weighted BMP Points
INFILT. (9) WATER QUAL(II)	10 2	57.5 57.5	5,75
T	OTAL WEIGHTED STR	x x uctural BMP Points:	6.90

B. NATURAL OPEN SPACE CREDIT (REQUIRED LAHOSCAVED AVER)

Fraction of Site	Natural Open Space Credit	Points for Natural Open Space
36.85 x	(0.1 per 1%)	3.68

C. TOTAL WEIGHTED POINTS

TOTAL WEIGH	6.9	٠.	3.7		10.6
Structural	BMP Points		Natural Open Space Po	oints	TOTAL

Need min de 31% of side in Ned. Open opense.

25 x 150 = 8.6% of ide 6.9

35 x 150 = 5.1% of ide 7.76

7.76

P(00Z

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A Section of Section 1995

CORPORATE MANAGEMENT CENTER

 $\frac{PREDEVELOPMENT}{Q = .3(3.4)(1.0)} = 1.02 CFS$

POST DEVELOPMENT @ REAR

2700+5936@.9 + 7700 SF @.2 = 14336 @.57

TC=10 MIN

REAR Q = ,57 (46) (.375) = .98 CFS

POST DEVELUPHENT @ FRONT 20,200@.9 + 7000@.2 = 27,200@.72 $Q_{\overline{z}}.72(4.6)(.625) = 2,07 CFS$ TO ROADSIDE DITCH! $Q_{10}^{2}.72(6.0)(.625) = 2,70 CFS$

THE ROADSIDE DITCH CURRENTLY CARRIES 5.36 CFS @ 15" PEPTH OAN CARRY 9 CFS
FLOWS ARE 5.36 + 2.70 = 8.06 & CURRENT

PITCH IS OK. ALIS WOULD BACK WATER

UP INTO PHE PARKING LOT AND PHE

LOT WOULD FUNCTION AS A PARTIAL

DETENTION BASIN

	\$5.0	5.36	9	2	4.00	0.0.0	5 6	14175- 19+50 (47)
.	14.5	4. 90	42.458	N.; 0	5. 8. 4.	9.014	7.85	9475 - 18+12 (c)
•	7.7	3.76	SSYYS	0	2-46	9. 00 Y		10+25 · 14+75 (A)
62453 Y-DITCH 4/21/33 18" DEET	12.0	M V	52185	1.50	0	Ö	 W	0,25-14,75 (2)
KOMBECS	(m)	(5.3) 6.8	To 5 / m/h	14x	4.0 m/4 (CES)	520 Par (F7/FT)		NO:12 F
>		132	*Co	CALCATON	17241A			

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